

Flange design

GENERAL FEATURES

- » 3-piece ball valve with full bore
- » Floating ball, antistatic, lockable
- » Double tightness in both directions
- » Modular system components

CONNECTIONS

Flange in accordance with DIN EN 1092-1 or ASME B 16.5

DIMENSIONS

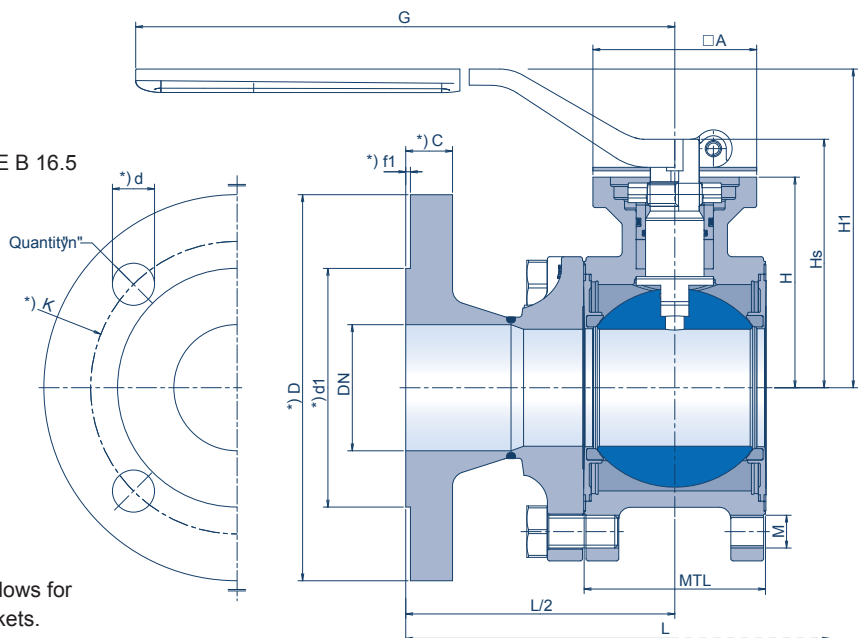
Face-to-face dimensions in accordance with EN 558-1, series 1 or dimensions in accordance with ANSI B16.10 CL 300

ACCEPTANCE TESTING

- » Seat leak tightness: EN 12266-1 P12, leakage rate A
- » Tightness to atmosphere: EN 12266-1 P11
- » Strength: EN 12266-1 P10

AUTOMATION

Flange connection in accordance with ISO 5211, allows for direct mounting of an actuator or by means of brackets. Pneumatic and electrical actuators utilizable.



TEMPERATURE

-196 °C to +400 °C (see pT diagram)

*Flange dimensions in accordance with DIN EN 1092-1 or ASME B 16.5

DN	Dimensions										Pressure level		Head flange size acc. to ISO 5211	Weight [kg]
	MTL	□A	H	Hs	H1	G	M	L (EN)	L (ASME)	M1 (VIII)	M2 (Xc)			
15	1/2"	26.4	42	35.0	43.5	83.0	M6	130	140	100	63	F04	2.3	
20	3/4"	35.2	42	46.5	57.0	96.0	M8	150	152	100	63	F04	3.5	
25	1"	41.5	42	50.0	60.5	100.0	M8	160	165	63	40	F04	4.3	
32	1-1/4"	49.5	50	65.0	77.7	107.5	M10	180	178	63	40	F05	6.8	
40	1-1/2"	63.0	50	72.5	85.2	114.7	M12	200	190	63	40	F05	9.0	
50	2"	77.5	70	90.0	106.2	136.2	M14	230	216	40	40	F07	13.5	
65	2-1/2"	93.5	70	100.0	116.2	146.2	M12	290	241	40	40	F07	18.0	
80	3"	111.4	102	121.5	143.0	165.0	M16	310	282	40	40	F10	28.8	
100	4"	131.6	102	135.0	156.5	178.5	M16	350	305	40	40	F10	40.6	
125	5"	171.4	125	175.0	202.5	212.5	M16	400	381	40	40	F12	66.0	

Material:

M1 (VIII) = Carbon steel

M2 (Xc) = Stainless steel

M3 (d) = Duplex

*last updated 08/23